



**BAKERSFIELD COLLEGE: CAREER TECHNICAL EDUCATION**

***TWO YEAR PROGRAM REVIEW FORM***

**PROGRAM INFORMATION**

Chair Name	Christian Zoller	Date	September 1, 2018
Department	Behavioral Science	Discipline	Public Health Science
Most Recent Program Plan Completed On		Date	September 1, 2018
Most Recent Program Review Completed On		Date	September 1, 2018
Faculty Name	Sarah Baron		
Email	Sarah.baron@bakersfieldcollege.edu	Telephone	661-395-4447

**1. MEETS A DOCUMENTED LABOR MARKET DEMAND**

Source of information (check all that apply)	
<input checked="" type="checkbox"/>	Bureau of Labor Statistics ( <a href="http://www.bls.gov">http://www.bls.gov</a> )
<input checked="" type="checkbox"/>	State of California Labor Market Information ( <a href="http://www.labormarketinfo.edd.ca.gov/">www.labormarketinfo.edd.ca.gov/</a> )
<input checked="" type="checkbox"/>	Advisory Committee Meeting held on January and February 2017 <span style="float:right">Attach Minutes</span>
<input type="checkbox"/>	Professional Association
<input type="checkbox"/>	Other <span style="float:right">EMSI Modeling Specialists</span>

<b>Findings</b>	<p>Due to shifts in the healthcare system, there is an increase demand for public health care workers. The United States, the US Department of Labor Outlook indicates there is a 21% job growth for health educators (faster than average). It is predicted that there will be 250,000 jobs needed in 2020 (Gebbie, Rosenstock, &amp; Hernandez, 2008). Within California, the California Employment Development Department (2016) predicts an increase by 18% from 2012-2022. Specifically, for the Southern Central Valley of California, labor market data indicates 394 jobs increasing to 436 in 2020, a predicted rate at 10.7% (ESMI Q3 2016). See Figure 1 below which provides a snapshot of anticipated growth for the region.</p> <p>In addition to labor market data, interviews with local healthcare agencies support the need for qualified public health science professionals. Local agencies indicated a wide range of needs from clinical lab personnel, environmental health specialists to public health aides.</p>
-----------------	---

### Regional Trends

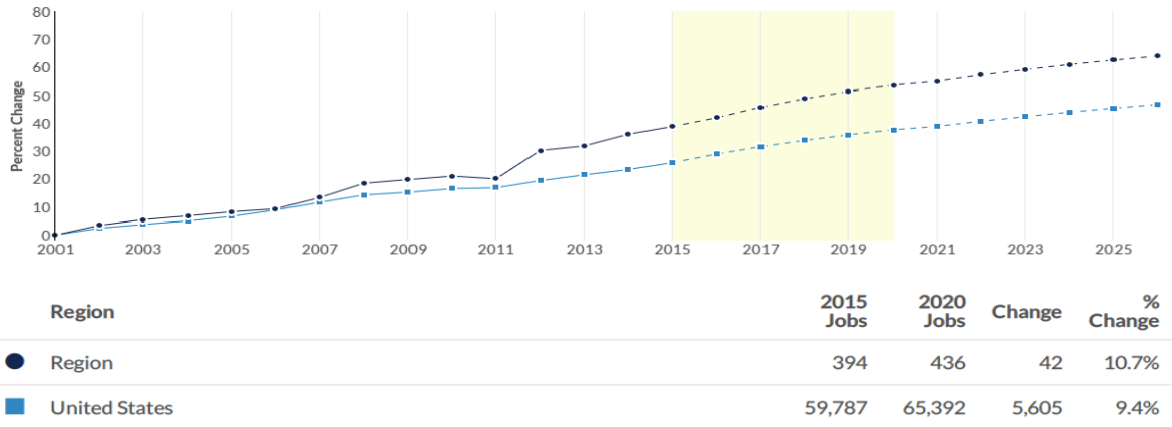


Figure 1: ESMI Data - Southern Central Valley California - Emsi Q3 2016 Data Set

Ultimately, establishing a public health science program will be creating a systemic change that Kern County desperately needs. Kern County’s health falls towards the bottom and is ranked 52<sup>nd</sup> out of 57 for health rankings in the State of California (Robert Wood Johnson Foundation, 2016). Bakersfield College Public Health Science programs will be the first in the Kern County area and surrounding area. The labor market supports the program but even more powerful is there is an incredible opportunity to make systemic long term change that could impact the overall wellness of the community.

### 2. DOES NOT REPRESENT UNNECESSARY DUPLICATION OF OTHER MANPOWER TRAINING PROGRAMS IN THE AREA.

List programs from other institutions (private/fee based/public):

Name of Institution	Name of Program	Distance to College	Public/Private	Approx Enrollment
Cañada College	Community Health Worker Promoter Education and Employment Project	Over 100 miles	X Public <input type="checkbox"/> Private	Over 5,000
Skyline Community College	Patient Navigation	Over 100 miles	X Public <input type="checkbox"/> Private	Over 5,000
San José City College	Patient Navigator	Over 100 miles	X Public <input type="checkbox"/> Private	Over 5,000

**Findings** There is a need in the Central Valley for this certificate.

### 3. DEMONSTRATED EFFECTIVENESS AS MEASURED BY EMPLOYMENT AND COMPLETION OF STUDENTS

Core Indicator Data Reviewed	<input type="checkbox"/> Yes <input type="checkbox"/> No N/A	Date
Insert Scores Below:		
Success:	Completion:	Employment:
Non-Traditional:	Non-Traditional Completion:	
<b>Findings</b>	Not applicable.	

#### 4. REVIEW/APPROVALS

Date	Signature	Title
		Department Head
		College Dean
Presentation to Curriculum Committee		N/A
Presentation to College Council		N/A.
Presentation to Board of Trustee		N/A

#### Using EMSI / Educational Analyst / Programs / Program Report

Run a historical Program Report for 2010 to 2015 to show the following data:

- 1201.00 Health Occupations, General and introductory occupational programs in the health occupations. Does not include transfer preparation programs (see 1260.00)
- Community Health Care Worker, 1260.01 – preparation for facilitators, advocates, and referral workers linking health care and related social services with affected recipient communities.
- 0837.00 Health Education -Physical and mental health, including disease prevention and control, and the social and economic significance of good health

What TOP code(s) are you using for this report?

- A) number of jobs within the above occupation(s) for 2010- 360
- B) number of jobs within the above occupations(s) for 2015- 400
- C) number and percent change (2010to 2015) 10% +40
- D) the average hourly earnings for the above occupation(s) \$24.82
- E) number of completions (awards) from our college 2010-2015 0 – N/A just started this year
- F) number of completions (awards) from regional colleges 2010-2015 – N/A none in the area

Then run a projection Program Report for 2015 to 2020 to show the following data:

- A) number of jobs within the above occupation(s) for 2015 -394
- B) number of jobs within the above occupations(s) for 2020 -460
- C) number and percent change (2015 to 2020) 10.7%
- D) the average hourly earnings for the above occupation(s) \$24.82
- E) number of annual openings and total replacement jobs approximately 40

**Does the above program meet a documented labor market demand? Please explain.**

Yes in that there is currently no programs like this in the Southern Central Valley

**Using EMSI / Career Pathways / Occupation Analysis / Occupational Program Report**

**List all related programs of study by other educational institutions in our region:**

Currently there are not any.

**Does the above program represent unnecessary duplication of training programs in our area? Please explain.**

No